ELSEVIER

Agricultural Water Management 55 (2002) 251–252

Agricultural water management

www.elsevier.com/locate/agwat

Contents of *Agricultural Water Management*, Volume 55

VOLUME 55 ISSUE 1 **2 MAY 2002**

Studies of canopy structure and water use of apple trees on three rootstocks
F. Li (Guangxi, PR China), S. Cohen (Bet Dagan, Israel), A. Naor (Kazrin, Israel), K. Shaozong (Shannxi, PR China) and A. Erez (Bet Dagan, Israel) 1

Determining water consumption in olive orchards using the water balance approach
M.J. Palomo, F. Moreno, J.E. Fernández, A. Díaz-Espejo and I.F. Girón (Sevilla, Spain) 15

Estimating the spatial and temporal distribution of sowing dates for regional water management
D. Leenhardt and Ph. Lemaire (Castanet-Tolosan, France) 37

Rainfall concentration under olive trees
J.A. Gómez (West Lafayette, IN, USA), K. Vanderlinden, J.V. Giráldez and E. Fereres (Córdoba, Spain) 53

Seasonal water balance of an Ozark hillslope
T.J. Sauer, P.A. Moore Jr. (Fayetteville, AR, USA), J.M. Ham (Manhattan, KS, USA), W.L. Bland (Madison, WI, USA), J.H. Prueger (Ames, IA, USA) and C.P. West (Fayetteville, AR, USA) 71

Erratum 83

VOLUME 55 ISSUE 2 **14 JUNE 2002**

Soil–plant water status and yield of sweet corn (*Zea mays* L. cv. Saccharata) as influenced by drip irrigation and planting methods
G.B. Viswanatha, B.K. Ramachandrappa and H.V. Nanjappa (Bangalore, India) . . . 85

Effect of crop sequence, soil sample location and depth on soil water holding capacity under center pivot irrigation
Y.A. Al-Rumikhani (Riyadh, Saudi Arabia) 93

Adoption and adaptation of scientific irrigation scheduling: trends from Washington, USA as of 1998
B.G. Leib (Pullman, WA, USA), M. Hattendorf (Fort Collins, CO, USA), T. Elliott and G. Matthews (Pullman, WA, USA) 105

Parched–Thirst: development and validation of a process-based model of rainwater harvesting
M.D.B. Young, J.W. Gowing (Tyne, UK), G.C.L. Wyseure (Leuven, Belgium) and N. Hatibu (Sokoine, Tanzania) 121

PII: S0378-3774(02)00027-6

Evaluation of the surface renewal method to estimate wheat evapotranspiration
N. Zapata (Pamplona, Spain) and A. Martínez-Cob (Zaragoza, Spain) 141
Effect of method and scheduling of irrigation on water and nitrogen use efficiencies of Okra (*Abelmoschus esculentus*)
P.G. Home (Nairobi, Kenya), R.K. Panda and S. Kar (Kharagpur, India) 159

VOLUME 55 ISSUE 3 **28 JUNE 2002**

The impact of water price strategies on the allocation of irrigation water: the case of the Jordan Valley
W. Doppler (Stuttgart, Germany), A.Z. Salman, E.K. Al-Karablieh (Amman, Jordan) and H.-P. Wolff (Stuttgart, Germany) 171
Irrigation automation with heterogeneous vegetation: the case of the Padova botanical garden
F. Morari and L. Giardini (Padua, Italy) 183
Effects of limited irrigation on yield and water use efficiency of winter wheat in the Loess Plateau of China
S. Kang (Shaanxi, PR China), L. Zhang (Canberra, Australia), Y. Liang, X. Hu, H. Cai (Shaanxi, PR China) and B. Gu (Beijing, PR China). 203
Cotton yield and applied water relationships under drip irrigation
D.F. Wanjura, D.R. Upchurch, J.R. Mahan and J.J. Burke (Lubbock, TX, USA) . . 217
Use of spectral information for wetland evapotranspiration assessment
J.-H. Chen, C.-E. Kan (Taipei, Taiwan), C.-H. Tan (ChungLi, Taiwan) and S.-F. Shih (Gainesville, FL, USA) 239

Acknowledgement 249

Contents of *Agricultural Water Management*, Volume 55 251